



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Graham
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: 38-01
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: May 19, 2009**Date of Last Audit:** March 17, 2009**FACILITY NAME AND ADDRESS:**

Graham County Municipal Solid Waste Landfill
Atoah Road
Robbinsville, N. C. 28771

GPS COORDINATES: N: 35.27452 E: -83.84299**FACILITY CONTACT NAME AND PHONE NUMBER:**

Donnie Orr, Director
Graham County Sanitation Department
Telephone 828-479-9369

FACILITY CONTACT ADDRESS:

400 Snowbird Road
Robbinsville, N. C. 28771

AUDIT PARTICIPANTS:

Troy Harrison- NCDENR, Solid Waste Section
Donnie Orr, Solid Waste Director
Mr. Lynn Cody, County Manager
Ms. Kim Crisp, County Clerk/Assistant County Manager
Mr. Steve Odom, County Commissioner
Mr. Billy Cable, County Commissioner

STATUS OF PERMIT:

Closure letter issued for Permit No. 38-01 issued on January 30, 1996.
The letter contains post closure conditions for the landfill.
An amendment was issued on January 8, 2002.

PURPOSE OF AUDIT:

This was a partial audit of the closed MSW landfill to locate groundwater monitoring wells and address items observed during the March 17, 2009 audit.

NOTICE OF VIOLATION(S):

Title 15A North Carolina Administrative Code 13B .0510 (c) states: When a solid waste disposal site has been closed in accordance with the requirements of the Division, future necessary maintenance and water quality monitoring shall be the responsibility of the owner and the operator and shall be specified in the closure letter.

Condition 8b of the closure letter dated January 30, 1996, required that "the permittee shall sample the detection monitoring wells and surface water sampling location(s) at a minimum on a semi-annual basis."

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An amendment to the closure letter dated January 8, 2002 from Mr. Larry Rose, Environmental Compliance/Solid Waste Section states: "Graham County may begin annual sampling of surface water locations and monitoring wells beginning with the June 2002 event".

Graham Co. is in violation of 15A North Carolina Administrative Code 13B .0510(c) in that on May 19, 2009, in that no ground or surface water monitoring had been conducted at the Graham County Landfill since June 24, 2002.

In order to achieve compliance, Graham County must immediately:

1. Begin annual surface and groundwater sampling, and
2. Submit results of surface and groundwater sampling to: Mr. Ervin Lane, Compliance Hydrogeologist
NCDENR-DWM - Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Further action may be required by the Division.

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS:

N/A

AREAS OF CONCERN AND COMMENTS:

1. Landfill operations ceased on April 8, 1994.
2. Donnie Orr is the new Graham County Solid Waste Director since the March 17, 2009 audit.
4. Woody vegetation had been cut as requested after the March 17, 2009 audit.
5. **Graham County still needs to clearly mark the areas where waste was deposited. County Staff provided an aerial photograph that depicts the landfill boundary, but this did show not the actual waste boundary.**
6. In the previous audit, I mentioned that there was a low area near the upper entrance that was observed with a small amount of water. There was also a ditch draining water from this area. The low area and the ditch need to be filled in and seeded. **Graham County Staff indicated that this was not located on waste and was a drainage feature for the landfill leading to a sediment basin. This is another reason to clearly locate and mark the actual waste boundary.**
7. Tires that were observed scattered on the property during the March 17, 2009 audit have been removed.

Groundwater

8. There were three groundwater monitoring wells observed. They are also marked on an aerial photograph that was provided by Graham County. Two are located down gradient and one is used as a background well. Two of the wells were locked; however, the hinge was rusted, broken and in need of repair. The remaining well (No. 1) was observed locked. Only one well was located in the previous audit.
9. A meeting was held at the Graham County Manager's Office. Individuals present were: Troy Harrison, Ms. Kim Crisp, County Clerk; Mr. Lynn Cody, County Manager; Donnie Orr, County Sanitation Director; Steve Odom, County Commissioner; and Billy Cable, County Commissioner. Groundwater testing records were not available at

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the Transfer Station or at the County Manager's office. Graham County is required to annually conduct surface and groundwater monitoring sampling at the closed landfill as per letter, dated January 8, 2002, from Mr. Larry Rose, DWM/SWS to Mr. Jeff Cabe, Graham County Manager.

10. The most recent groundwater monitoring event was conducted on June 24, 2002, by Altamont Environmental, Inc. according to Mr. Ervin Lane, Compliance Hydrogeologist/Solid Waste Section.

11. During the meeting, the County contacted their consultant in order to arrange for the required monitoring.

Please contact me if you have any questions or concerns regarding this audit report.

TROY HARRISON

828-296-4701

Phone: _____.

Troy Harrison
Environmental Senior Specialist
Regional Representative

Mailed on : <u>June 01, 2009</u> by		Hand delivery		US Mail		Certified No. [7005 0390 0001 3531 3819]
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cc: Mark Poindexter, Field Operations Branch Supervisor
Deb Aja, Western District Supervisor
Donald Herndon, Compliance Officer